

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 5/9/2014

HMS
mmB

Instrument Serial Number: 010566 **As of 09-May-14**

Maintenance	Certification	Technician	
Date	Date	Initials	Remarks
07-May-14	08-Apr-14	HMS (18910)	REPLACED UPS BACK-UP BATTERY.
08-Apr-14	08-Apr-14	HMS (18910)	CERTIFIED
11-Feb-14	14-Jan-14	DBH (21250)	REPLACED DRY GAS STANDARD.
14-Jan-14	14-Jan-14	TLN (25387)	CERTIFIED.
16-Oct-13	16-Oct-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. REPLACED AND TESTED FUEL CELL MODULE. CALIBRATED AND CERTIFIED.
18-Aug-10	18-Aug-10	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
07-Jun-10	07-Jun-10	HMS (18910)	REPLACED DRY GAS STANDARD, CALIBRATED AND CERTIFIED.
03-Jun-10	11-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
06-May-10	11-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
11-Mar-10	11-Mar-10	HMS (18910)	CERTIFIED
23-Feb-10	23-Sep-09	HMS (18910)	REPLACED DRY GAS STANDARD.
18-Dec-09	23-Sep-09	NMJ (22392)	REPLACED DRY GAS STANDARD
23-Sep-09	23-Sep-09	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED.
01-Jul-09	20-Apr-09	HMS (18910)	REPLACED DRY GAS STANDARD.
20-Apr-09	20-Apr-09	HMS (18910)	CERTIFIED.
19-Mar-09	19-Mar-09	NMJ (22392)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
17-Feb-09	17-Feb-09	RJP (22428)	CALIBRATED, CERTIFIED AND ACCEPTED.

INTOX EC/IR II
Quality Assurance Worksheet

Handwritten: HHS
mmB

Instrument Serial Number **010566** Worksheet Start Date **5/7/2014**
Location **Lunenburg County**
Address **160 Courthouse Sq., Lunenburg, VA 23952**
DFS Technician **Heather Stanton** License No. **18910**

☐ Laboratory

☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) **751** Reference Barometer (mm HG) **752**
Reference Barometer(RB)Serial # **009113** RB Calibration Due **4/28/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.300
0.300	0.296	0.287	0.304	Sample 2	0.299
Precision		sample min	sample max	Sample 3	0.299
0.001		0.299	0.300		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.098
0.100	0.099	0.096	0.102	Sample 2	0.098
Precision		sample min	sample max	Sample 3	0.098
0		0.098	0.098		

Dry gas standard Lot No. (with tank no.) **AG316301-07**

☐ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

Replaced UPS Back-up battery.

Instrument Serial Number

010566

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Heath W. Starlin

Date

5/9/14

Issuing Analyst

Michelle B. B. B.

Date

5/12/14MSX

HMS
mmB



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED	NAME OF COURT
INSTRUMENT, TEST,	DFS

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY		AGENCY
STANTON, HEATHER, M		DFS Central Lab
DFS LICENSE NUMBER	LICENSE EXPIRES	DATE TEST CONDUCTED
18910	10/01/2014	05/07/2014
TEST EQUIPMENT NUMBER		
010566		

RESULTS: TIME SAMPLE TAKEN 09:17 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

Replaced UPS Back-up battery. HMS
5/7/14

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 09 May 2014 at 08:32

JMS
mmb

Test Results

Instrument Serial Number 010566

Test # 002158 Subject Test

Test Location 1 Department of
Test Date 07 May 2014

Test Location 2 Forensic Science
Test Time 09:11
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name STANTON
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial M

Card Serial Number 118910

License Number 18910

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 07 May 2014 End Time 09:19

Result Time 09:17

Result Date 07 May 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 09:11

Data Type BLK

Sample Value 0.000

Sample Time 09:12

Data Type CHK

Sample Value 0.099

Sample Time 09:13

Data Type BLK

Sample Value 0.000

Sample Time 09:14

Data Type SUBJ

Sample Value 0.000

Sample Time 09:15

Data Type BLK

Sample Value 0.000

Sample Time 09:16

Data Type SUBJ

Sample Value 0.000

Sample Time 09:17

Data Type BLK

Sample Value 0.000

Sample Time 09:18

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG316301-07

Standard Expiration Date 06/12/2015

Tank Pressure 198

Barometric Pressure 751 mmHg

Blow Sample Number 1 Blow Duration 3.56 sec

Blow Volume 1768 cc End-of-Blow Time 09:15

Blow Sample Number 2 Blow Duration 3.54 sec

Blow Volume 1715 cc End-of-Blow Time 09:17

Tamper Evident Stamp ee1dcfc6

Test Status Code 0

Test Status Success

HMS
mmB

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010566 Test Number: 2159

Test Date: 05/07/2014 Test Time: 09:35 EDT

Dry Gas Target: 0.296

Lot Number: AG334603-01 Exp Date: 12/12/2015

Tank Pressure: 306 psi Barometric Pressure: 750 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	09:36
CHK	0.300	09:37
BLK	0.000	09:39
CHK	0.299	09:39
BLK	0.000	09:41
CHK	0.299	09:42

Test Status: *Success*

Calibration CRC: 681B5049

AMS
mmB

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010566 Test Number: 2160

Test Date: 05/07/2014 Test Time: 09:44 EDT

Dry Gas Target: 0.099

Lot Number: AG316301-07 Exp Date: 06/12/2015

Tank Pressure: 193 psi Barometric Pressure: 750 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	09:45
CHK	0.098	09:46
BLK	0.000	09:48
CHK	0.098	09:48
BLK	0.000	09:50
CHK	0.098	09:50

Test Status: *Success*

Calibration CRC: 681B5049




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

AMS
mmB

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY STANTON, HEATHER, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 18910	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 05/07/2014
TEST EQUIPMENT NUMBER 010566		

RESULTS: TIME SAMPLE TAKEN **09:58 EDT**

SAMPLE'S ALCOHOL CONTENT **0.00** GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 09 May 2014 at 08:32

Handwritten: KMS
mmb

Test Results

Instrument Serial Number 010566

Test # 002161 Subject Test

Test Location 1 Department of
Test Date 07 May 2014

Test Location 2 Forensic Science
Test Time 09:52
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name STANTON
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial M

Card Serial Number 118910

License Number 18910

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 07 May 2014 End Time 09:59

Result Time 09:58

Result Date 07 May 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 09:52

Data Type BLK

Sample Value 0.000

Sample Time 09:53

Data Type CHK

Sample Value 0.098

Sample Time 09:53

Data Type BLK

Sample Value 0.000

Sample Time 09:55

Data Type SUBJ

Sample Value 0.000

Sample Time 09:55

Data Type BLK

Sample Value 0.000

Sample Time 09:56

Data Type SUBJ

Sample Value 0.000

Sample Time 09:58

Data Type BLK

Sample Value 0.000

Sample Time 09:59

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG316301-07

Standard Expiration Date 06/12/2015

Tank Pressure 188

Barometric Pressure 750 mmHg

Blow Sample Number 1 Blow Duration 3.64 sec

Blow Volume 1784 cc End-of-Blow Time 09:55

Blow Sample Number 2 Blow Duration 3.75 sec

Blow Volume 1755 cc End-of-Blow Time 09:58

Tamper Evident Stamp ba58d5fe

Test Status Code 0

Test Status Success

Department of Forensic Science
Breath Alcohol Section
Trouble Call Log
1/1/1990 To 5/9/2014

HMS
mm8

Instrument Serial Number: 010566

09-May-14

Date: 07-Jun-10 **Time:** 4:08 AM **Remote:** True **Tech:** HMS (18910) **Location:** Prince William County PD

Indication: DISABLED

Problem: DISABLED. INSTRUMENT DISABLED DUE TO TWO OUT OF TOLERANCE MESSAGES.

Technician Response: SITE VISIT CONDUCTED.

Resolution RETURNED TO SERVICE.

Date: 04-Oct-10 **Time:** 11:25 PM **Remote:** True **Tech:** MSK (21355) **Location:** Prince William County PD

Indication: DISABLED

Problem: DISABLED, DISPLAYING DATABASE MESSAGE

Technician Response: SITE VISIT CONDUCTED.

Resolution REMOVED TO DFS-Central

Date: 05-May-14 **Time:** 12:37 PM **Remote:** True **Tech:** HMS (18910) **Location:** Lunenburg County Sheriff's Office

Indication: OTHER

Problem: UPS BACK-UP BATTERY IS BEEPING

Technician Response: SITE VISIT CONDUCTED. ISSUE RESOLVED.

Resolution NO FURTHER ACTION REQUIRED
